

Elution Test Summary: Synergy Frontalin

Manufacturer/Supplier: Synergy Semiochemicals Corp., Burnaby, BC, Canada

Product number: IP001

Lot number: CTI # 19.13.2 P71.0

US-EPA Registration Status: No registration necessary.

Description: Brown plastic pouch enclosing two micro-centrifuge tubes that contain frontalin (300 mg load per tube). Used in particular as a major component of the southern pine beetle (*Dendroctonus frontalis* Zimm.) lure.

Our Evaluation:

Location: Pineville, LA

Dates: 19 May to 19 July 2007

Duration: 61 days

Temperature mean (°F):

73.5 (33 d)

75.1 (61 d)

Weight loss mean (mg/d):

Sun

0 to 33 d = 5.9

0 to 61 d = 4.9

Shade

0 to 33 d = 2.9

0 to 61 d = 2.6

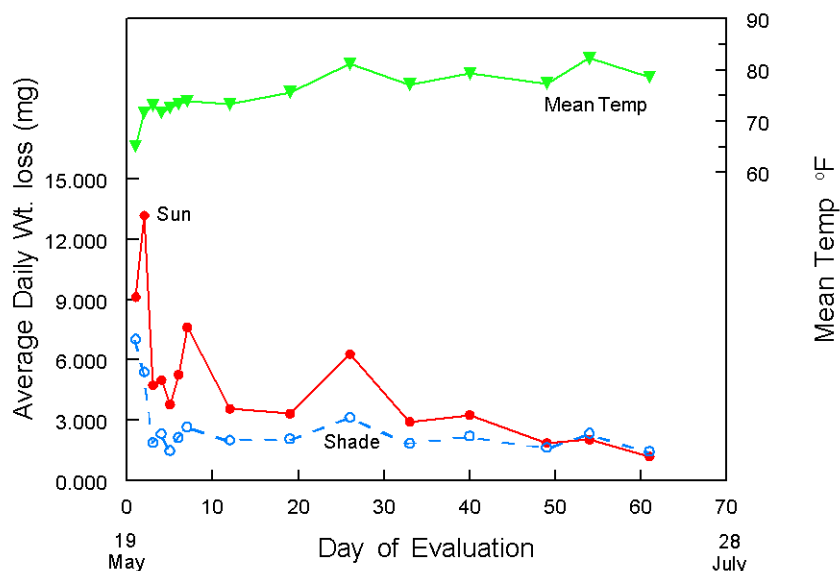
Comments: 5 devices sun, 4 shade.

(Right) Synergy frontalin lure with tubes exposed (2007). Scale depicts inches.



Synergy Frontalin

Pineville, LA 2007



Copies and data may be obtained at <http://www.fs.fed.us/foresthealth/technology/elutionrate>. For more information please contact: Brian Strom, USDA Forest Service, SRS-RWU-4552, Pineville, LA 71360 (brianstrom@fs.fed.us); Sheri Smith, USDA Forest Service, R-5 Forest Health Protection, Susanville, CA 96130 (ssmith@fs.fed.us); or Andy Trent, USDA Forest Service, Missoula Technology Development Center, Missoula, MT 59808 (atrent@fs.fed.us).